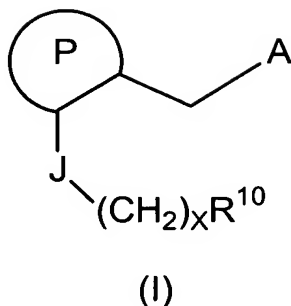


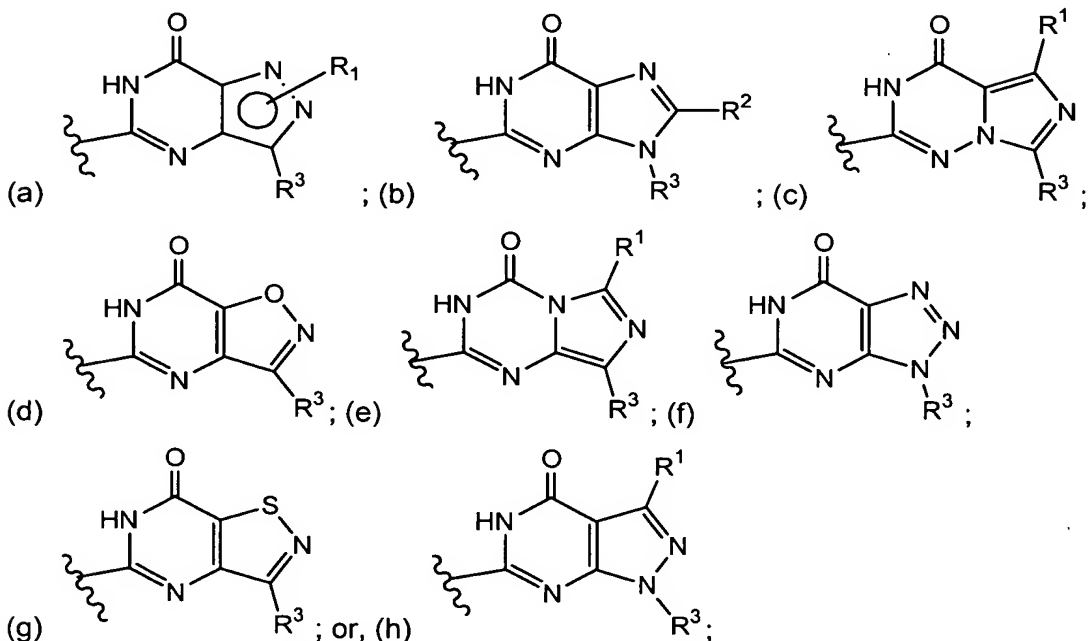
We claim:

1. A compound of Formula (I),



a stereoisomer or prodrug thereof, or a pharmaceutically acceptable salt of said compound, stereoisomer, or prodrug, wherein:

A is



P, including the carbon atoms to which it is attached, is (C₃-C₈)cycloalkyl, (C₃-C₈)heterocycloalkyl, aryl, or heteroaryl; optionally and independently substituted with from 1 to 3 substituents independently selected from halogen, (C₁-C₅)alkyl, (C₁-C₅)alkoxy, and trifluoromethyl;

J is O, S, -N(R¹⁵)-, -N(R¹⁵)CO-, -CON(R¹⁵)-, -SO₂ N(R¹⁵)-, or -N(R¹⁵) SO₂-;

x is 0, 1, 2, 3, 4, 5, or 6;

R¹⁰ is -CO₂H, -CONR³⁰R³¹, -NR³⁰R³¹, or -N(R¹⁵)SO₂R⁴⁰;

R¹ and R² are independently H or (C₁-C₃)alkyl;

R³ is (C₁-C₈)alkyl, (C₃-C₈)cycloalkyl, (C₃-C₈)cycloalkyl-methyl, (C₃-C₈)heterocycloalkyl, (C₃-C₈)heterocycloalkyl-methyl, aryl, or heteroaryl; optionally and

independently substituted with from 1 to 3 substituents independently selected from halogen, hydroxy, oxo, (C₁-C₅)alkyl, and (C₁-C₅)alkoxy;

R¹⁵ is H or (C₁-C₅)alkyl;

R³⁰ and R³¹ are taken separately and are independently H, (C₁-C₅)alkyl, (C₃-C₈)cycloalkyl, (C₃-C₈)heterocycloalkyl, aryl, or heteroaryl, wherein said R³⁰ and R³¹ are optionally and independently substituted with from 1 to 3 substituents independently selected from halogen, oxo, (C₁-C₅)alkyl, -CO₂R⁴⁰, -COR⁴⁰, -OR⁴⁰, -CONR⁵⁰R⁵¹, -NR⁵⁰R⁵¹, and -SO₂R⁴⁰; or

R³⁰ and R³¹ are taken together with the nitrogen atom to which they are attached to form a 5- to 8-membered heterocycloalkyl ring, said ring optionally having 1 additional heteroatom independently selected from N, O, and S, wherein said 5- to 8-membered heterocycloalkyl ring is optionally and independently substituted with from 1 to 3 substituents independently selected from halogen, oxo, (C₁-C₅)alkyl, -CO₂R⁴⁰, -COR⁴⁰, -OR⁴⁰, -CONR⁵⁰R⁵¹, -NR⁵⁰R⁵¹, and -SO₂R⁴⁰;

R⁴⁰ is H, (C₁-C₅)alkyl, (C₃-C₈)cycloalkyl, (C₃-C₈)heterocycloalkyl, aryl, heteroaryl;

R⁵⁰ and R⁵¹ are taken separately and are independently H, (C₁-C₅)alkyl, (C₃-C₈)cycloalkyl, (C₃-C₈)heterocycloalkyl, aryl, or heteroaryl; or

R⁵⁰ and R⁵¹ are taken together with the nitrogen atom to which they are attached to form a 5- to 8-membered heterocycloalkyl ring, said ring optionally having 1 additional heteroatom independently selected from N, O, and S.

2. A compound of claim 1 wherein:

A is (a), (b), (c), or (h).

R¹ and R² are H;

R³ is (C₃-C₆) alkyl or (C₃-C₅) cycloalkyl;

P is (C₃-C₈)cycloalkyl or aryl;

J is O or S; and,

x is 1, 2, or 3.

3. A compound of claim 2 wherein:

A is (a) or (b).

4. A compound of claim 1 which is:

1-[[2-(3-isopropyl-7-oxo-6,7-dihydro-1H-pyrazolo[4,3-d]pyrimidin-5-ylmethyl)-phenoxy]-acetyl]-pyrrolidine-2-carboxylic acid;

1-[[2-(1-cyclopentyl-4-oxo-4,5-dihydro-1H-pyrazolo[3,4-d]pyrimidin-6-ylmethyl)-phenoxy]-acetyl]-pyrrolidine-2(S)-carboxylic acid

3-isopropyl-5-[2-(2-oxo-2-piperazin-1-yl-ethoxy)-benzyl]-1,6-dihydro-pyrazolo[4,3-d]pyrimidin-7-one;

1-cyclopentyl-6-[2-(2-oxo-2-piperazin-1-yl-ethoxy)-benzyl]-1,5-dihydro-pyrazolo[3,4-d]pyrimidin-4-one

3-isopropyl-5-[2-(2-morpholin-4-yl-2-oxo-ethoxy)-benzyl]-1,6-dihydro-pyrazolo[4,3-d]pyrimidin-7-one;

3-isopropyl-5-[2-(2-oxo-2-pyrrolidin-1-yl-ethoxy)-benzyl]-1,6-dihydro-pyrazolo[4,3-d]pyrimidin-7-one;

5-[2-[2-(4-ethyl-piperazin-1-yl)-2-oxo-ethoxy]-benzyl]-3-isopropyl-1,6-dihydro-pyrazolo[4,3-d]pyrimidin-7-one;

N,N-diethyl-2-[2-(3-isopropyl-7-oxo-6,7-dihydro-1H-pyrazolo[4,3-d]pyrimidin-5-ylmethyl)-phenoxy]-acetamide;

1-[[2-(3-isopropyl-7-oxo-6,7-dihydro-1H-pyrazolo[4,3-d]pyrimidin-5-ylmethyl)-phenoxy]-acetyl]-pyrrolidine-2-carboxylic acid methyl ester;

4-[[2-(3-isopropyl-7-oxo-6,7-dihydro-1H-pyrazolo[4,3-d]pyrimidin-5-ylmethyl)-phenoxy]-acetyl]-piperazine-1-carboxylic acid tert-butyl ester;

N-(2-dimethylamino-ethyl)-2-[2-(3-isopropyl-7-oxo-6,7-dihydro-1H-pyrazolo[4,3-d]pyrimidin-5-ylmethyl)-phenoxy]-acetamide;

1-[[2-(1-cyclopentyl-4-oxo-4,5-dihydro-1H-pyrazolo[3,4-d]pyrimidin-6-ylmethyl)-phenoxy]-acetyl]-pyrrolidine-2-carboxylic acid methyl ester;

4-[[2-(1-cyclopentyl-4-oxo-4,5-dihydro-1H-pyrazolo[3,4-d]pyrimidin-6-ylmethyl)-phenoxy]-acetyl]-piperazine-1-carboxylic acid tert-butyl ester;

1-cyclopentyl-6-[2-(2-oxo-2-pyrrolidin-1-yl-ethoxy)-benzyl]-1,5-dihydro-pyrazolo[3,4-d]pyrimidin-4-one;

1-cyclopentyl-6-[2-(2-morpholin-4-yl-2-oxo-ethoxy)-benzyl]-1,5-dihydro-pyrazolo[3,4-d]pyrimidin-4-one;

2-[2-(1-cyclopentyl-4-oxo-4,5-dihydro-1H-pyrazolo[3,4-d]pyrimidin-6-ylmethyl)-phenoxy]-N-(2-dimethylamino-ethyl)-acetamide;

1-cyclopentyl-6-[2-[2-(4-ethyl-piperazin-1-yl)-2-oxo-ethoxy]-benzyl]-1,5-dihydro-pyrazolo[3,4-d]pyrimidin-4-one;

2-[2-(1-cyclopentyl-4-oxo-4,5-dihydro-1H-pyrazolo[3,4-d]pyrimidin-6-ylmethyl)-phenoxy]-N,N-diethyl-acetamide;

[2-(3-isopropyl-7-oxo-6,7-dihydro-1H-pyrazolo[4,3-d]pyrimidin-5-ylmethyl)-phenoxy]-acetic acid;

[2-(1-cyclopentyl-4-oxo-4,5-dihydro-1H-pyrazolo[3,4-d]pyrimidin-6-ylmethyl)-phenoxy]-acetic acid;

3-isopropyl-5-[2-(5-chloro-2-morpholin-4-yl-ethoxy)-benzyl]-1,6-dihydro-pyrazolo[4,3-d] pyrimidin-7-one;

3-isopropyl-5-[2-(2-pyrrolidin-1-yl-ethoxy)-benzyl]-1,6-dihydro-pyrazolo[4,3-d]pyrimidin-7-one;

3-isopropyl-5-[2-(2-morpholin-4-yl-ethoxy)-cyclohexylmethyl]-1,6-dihydro-pyrazolo[4,3-d]pyrimidin-7-one;

5-[5-fluoro-2-(2-morpholin-4-yl-ethoxy)-benzyl]-3-isopropyl-1,6-dihydro-pyrazolo[4,3-d]pyrimidin-7-one;

3-cyclopentyl-5-[5-fluoro-2-(2-morpholin-4-yl-ethoxy)-benzyl]-1,6-dihydro-pyrazolo[4,3-d]pyrimidin-7-one;

3-isopropyl-5-[2-(2-morpholin-4-yl-ethoxy)-benzyl]-1,6-dihydro-pyrazolo[4,3-d]pyrimidin-7-one; .

9-(1,2-dimethyl-propyl)-2-[2-(2-morpholin-4-yl-ethoxy)-benzyl]-1,9-dihydro-purin-6-one;

2-[2-(2-morpholin-4-yl-ethoxy)-benzyl]-9-(tetrahydro-furan-3-yl)-1,9-dihydro-purin-6-one;

5-[2-(2-diethylamino-ethoxy)-benzyl]-3-isopropyl-1,6-dihydro-pyrazolo[4,3-d]pyrimidin-7-one;

3-cyclopentyl-5-[2-(2-morpholin-4-yl-ethoxy)-benzyl]-1,6-dihydro-pyrazolo[4,3-d]pyrimidin-7-one;

3-cyclobutyl-5-[2-(2-morpholin-4-yl-ethoxy)-benzyl]-1,6-dihydro-pyrazolo[4,3-d]pyrimidin-7-one;

9-(1(R),2-dimethyl propyl)-[2-(2-morpholin-4-yl-ethoxy)-benzyl]-1,9-dihydro-purin-6-one;

9-(2-methyl-butyl)-2-[2-(2-morpholin-4-yl-ethoxy)-benzyl]-1,9-dihydro-purin-6-one;

9-cyclopentyl-2-[2-(2-morpholin-4-yl-ethoxy)-benzyl]-1,9-dihydro-purin-6-one;

5-[2-(2-morpholin-4-yl-ethoxy)-benzyl]-3-pyridin-3-yl-1,6-dihydro-pyrazolo[4,3-d]pyrimidin-7-one;

9-(1,2-dimethyl-propyl)-2-[2-(2-morpholin-4-yl-ethoxy)-benzyl]-1,9-dihydro-purin-6-one;

9-isopropyl-2-[2-(2-morpholin-4-yl-ethoxy)-benzyl]-1,9-dihydro-purin-6-one;

2-[2-(2-morpholin-4-yl-ethoxy)-benzyl]-9-(tetrahydro-furan-2-ylmethyl)-1,9-dihydro-purin-6-one;

9-(1-isopropyl-2-methyl-propyl)-2-[2-(2-morpholin-4-yl-ethoxy)-benzyl]-1,9-dihydro-purin-6-one;

9-(1-ethyl-propyl)-2-[2-(2-morpholin-4-yl-ethoxy)-benzyl]-1,9-dihydro-purin-6-one;

9-cyclopentyl-8-methyl-2-[2-(2-morpholin-4-yl-ethoxy)-benzyl]-1,9-dihydro-purin-6-one;

3-cyclopentyl-5-[2-(2-morpholin-4-yl-ethoxy)-benzyl]-3,6-dihydro-[1,2,3]triazolo[4,5-d]pyrimidin-7-one;

1-cyclopentyl-6-[2-(2-morpholin-4-yl-ethoxy)-benzyl]-1,5-dihydro-pyrazolo[3,4-d]pyrimidin-4-one;

9-cyclopentyl-2-[2-(3-morpholin-4-yl-propoxy)-benzyl]-1,9-dihydro-purin-6-one;

N-[(1R,2S)2-(3-isopropyl-7-oxo-6,7-dihydro-1H-pyrazolo[4,3-d]pyrimidin-5-ylmethyl)-cyclohex-1-yl]-2-pyrrolidin-1-yl-acetamide;

N-[(1R,2S)2-(3-isopropyl-7-oxo-6,7-dihydro-1H-pyrazolo[4,3-d]pyrimidin-5-ylmethyl)-cyclohex-1-yl]-2-morpholin-4-yl-acetamide;

2-diethylamino-N-[(1R,2S)2-(3-isopropyl-7-oxo-6,7-dihydro-1H-pyrazolo[4,3-d]pyrimidin-5-ylmethyl)-cyclohex-1-yl]-acetamide;

1-[(1R,2S)2-(3-isopropyl-7-oxo-6,7-dihydro-1H-pyrazolo[4,3-d]pyrimidin-5-ylmethyl)-cyclohex-1-ylcarbamoyl]-methyl-pyrrolidine-2(S)-carboxylic acid methyl ester;

2-cyclobutylamino-N-[(1R,2S)2-(3-isopropyl-7-oxo-6,7-dihydro-1H-pyrazolo[4,3-d]pyrimidin-5-ylmethyl)-cyclohex-1-yl]-acetamide; or

2-cyclopropylamino-N-[(1R,2S)2-(3-isopropyl-7-oxo-6,7-dihydro-1H-pyrazolo[4,3-d]pyrimidin-5-ylmethyl)-cyclohex-1-yl]-acetamide;

a stereoisomer or prodrug thereof, or a pharmaceutically acceptable salt of said compound, stereoisomer, or prodrug.

5. A pharmaceutical composition comprising a compound of claim 1, a stereoisomer or prodrug thereof, or a pharmaceutically acceptable salt of said compound, stereoisomer, or prodrug; and a pharmaceutically acceptable carrier, vehicle, or diluent.

6. A method of treating a condition, disease, or symptom selected from the group consisting of type 1 diabetes, type 2 diabetes, hyperglycemia, dyslipidemia, impaired glucose tolerance, metabolic syndrome, and cardiovascular disease, wherein said method comprises administering to a mammal in need of such treatment or

prevention, a therapeutically effective amount of a compound of claim 1, a stereoisomer or prodrug thereof, or a pharmaceutically acceptable salt of said compound, stereoisomer, or prodrug; or a pharmaceutical composition comprising said compound of claim 1, or said stereoisomer or prodrug thereof, or said pharmaceutically acceptable salt of said compound, stereoisomer, or prodrug.

7. A method of claim 6 wherein said condition, disease, or symptom is diabetes or cardiovascular disease.

8. A method of inhibiting phosphodiesterase 9 activity in a mammal in need of such inhibition which method comprises administering a phosphodiesterase 9 inhibiting amount of a compound of claim 1, a stereoisomer or prodrug thereof, or a pharmaceutically acceptable salt of said compound, stereoisomer, or prodrug; or a pharmaceutical composition comprising a compound of Formula (I), a stereoisomer or prodrug thereof, or a pharmaceutically acceptable salt of said compound, stereoisomer, or prodrug, and a pharmaceutically acceptable carrier, vehicle, or diluent.